



Dart Aerospace Ltd.
1270 Aberdeen St
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Canada

Tel (613) 632-5200
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C3

Job Sheet 188402



Part No: C3

Job Qty: 1 ea

Part Name: C-Series Remote Hook 3,000 lbs Lift Capacity



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 1/9/19

Job Tracking No:

Due Date: 1/25/19

Created By: Linda Lacelle

Type: SOLD

Description:

Note: DWG C3 Rev 2 IPP Rev A 18.03.29 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea		1/25/19	0.00	0.00	Start Up Small Fab-4		
100	Small Fab	1 pcs		1/25/19	0.00	1.00	Small Fab-3		
110	QC	1 pcs		1/25/19	0.00	0.00	QC5		
120	DC	1 pcs		1/25/19	0.00	0.00	DC		
130	Packaging	1 pcs		1/25/19	0.00	0.00	Packaging3-2		
140	QC21-SA	1 Ea		1/25/19	0.00	0.00	QC21		

Part Op 100 - 1- PICK C3-2-1 AND LASER ENGRAVE AS PER DWG . SEE NOTE 3 AND 4 ON SHEET 3-2- ASSEMBLE AS
Descriptions: PER DWG

120 -- Photocopy blue file OM & OOPM-C3 Rev 4

130 - Identify and Stock

Loctite 620 (M138933) (Loctite) Grease Aeroshell (M138724)

Saf-t-eze (M128063)



Container No: S144031



Part: C3

Job No: 188402

Serial No/Batch: S144031

Revision: 2

Inspector:

Exp Date:

Instructions:

Dart Aerospace Ltd.
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CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 01/11/19

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
188-FPSS-1032-1/4	Set Screw	2 Ea (2 ea)	90-Start up Operation	5073061
188-FSCS-832-5/8	Clock Spring Cover Screw	4 Ea (4 ea)	90-Start up Operation	5126989
2595K22	Heat Shrink Tube	1 pcs (1 ea)	100-Small Fab	5073047
32446	Crimp Terminal	2 Ea (2 ea)	100-Small Fab	5089146
8183K6	Wire Guide/Grip	1 Ea (1 ea)	100-Small Fab	5118667
AN4-16A	Bolt	3 Ea (3 ea)	100-Small Fab	5115056
AN4-17A	Bolt	1 Ea (1 ea)	100-Small Fab	5098021
AN6-15A	Bolt	1 Ea (1 ea)	100-Small Fab	5068641
C2-1-1	Manual Release Knob	1 Ea (1 ea)	100-Small Fab	5100195
C2-10-1 P	Lock Spring Pin	1 pcs (1 ea)	100-Small Fab	5029231
C2-11-2	Locating Pin	2 Ea (2 ea)	100-Small Fab	5058757
C2-3-1	Latch Shaft Du Bearing	2 pcs (2 ea)	100-Small Fab	5068886
C2-3-10	Latch Shaft	1 pcs (1 ea)	100-Small Fab	5046764
C2-3-11	Actuator	1 pcs (1 ea)	100-Small Fab	5075123
C2-3-2 P	Latch Roller Pin	1 Ea (1 ea)	100-Small Fab	5029246
C2-3-2-1	Roller Pin Retaining Ring	2 Ea (2 ea)	100-Small Fab	5111638
C2-3-3 -PO	Latch Roller	1 pcs (1 ea)	100-Small Fab	5125627
C2-3-3-1	Latch Roller DU Bearing	1 pcs (1 ea)	100-Small Fab	5120798
C2-3-5	Spacer, Teflon	2 Ea (2 ea)	100-Small Fab	5111642
C2-3-6	Latch	1 Ea (1 ea)	100-Small Fab	5083629
C2-3-8	Actuator Shaft Bushing	2 pcs (2 ea)	100-Small Fab	5117506
C2-5-1	Actuator Stop	1 Ea (1 ea)	100-Small Fab	5072964
C3-10-2	Lock Spring	1 pcs (1 ea)	100-Small Fab	5113706
C3-11-1	Side Plate - Solenoid C3-Hook	1 pcs (1 ea)	100-Small Fab	5079472
C3-12-1	Lock Bushing	2 pcs (2 ea)	100-Small Fab	5117910
C3-12-2	Lock Shaft - C3 Hook	1 pcs (1 ea)	100-Small Fab	5080193
C3-12-3	Lock - C3 Hook	1 Ea (1 ea)	100-Small Fab	5070892
C3-12-4 -PO	Lock Roller	1 pcs (1 ea)	100-Small Fab	5125633
C3-12-5	Lock Roller Pin	1 pcs (1 ea)	100-Small Fab	5100174
C3-12-6	Lock Roller Pin Circlip	2 Ea (2 ea)	100-Small Fab	5093407
C3-13-1	Keeper Bushing	2 pcs (2 ea)	100-Small Fab	5072854
C3-13-4 P	KEEPER	1 Ea (1 ea)	100-Small Fab	5029271
C3-13-5	Spring, Keeper	1 Ea (1 ea)	100-Small Fab	5089547
C3-2-1	Side Plate C-3 Hook	1 pcs (1 ea)	100-Small Fab	5077290
C3-3-4	Link Pin	2 pcs (2 ea)	100-Small Fab	5118503
C3-3-4-1	Ring, Retaining	4 pcs (4 ea)	100-Small Fab	5104709
C3-3-7	Link	1 pcs (1 ea)	100-Small Fab	5048390
C3-3-9	Actuator Spring	1 pcs (1 ea)	100-Small Fab	5128685
C3-4-1	Load Beam Bushing	2 Ea (2 ea)	100-Small Fab	5099320
C3-4-4A P	C3 Load Beam Assy	1 Ea (1 ea)	100-Small Fab	5029282
C3-7-1	Load Beam Bumper	1 Ea (1 ea)	100-Small Fab	5107793
C3-7-2	Lock Bumper	2 pcs (2 ea)	100-Small Fab	5120071
C3-8-2	Solenoid	1 pcs (1 ea)	100-Small Fab	5137893
C3-8-4	Solenoid Cover Gasket	1 pcs (1 ea)	100-Small Fab	5107444
C3-8-5	Solenoid Cover	1 pcs (1 ea)	100-Small Fab	5100111
C3-9-1	Clock Spring Cover - C3 Hook	1 pcs (1 ea)	100-Small Fab	5116296
C3-9-2	Spring, Clock	1 pcs (1 ea)	100-Small Fab	5089524
EL-PLUG-M	3-Prong Male Spade Plug	1 Ea (1 ea)	100-Small Fab	5066781
M27500-16TG2T14	Wire - 16-Gauge - Shielded	1 ft (1 ea)	100-Small Fab	5075144
MS21044N4	Nut, Self-Locking	4 Ea (4 ea)	100-Small Fab	5122088
MS21083N6 N3	Nut	2 Ea (2 ea)	100-Small Fab	5076011
MS21083N6	Nut	1 Ea (1 ea)	100-Small Fab	5076012
MS35266-63	Solenoid Cover Screw	1 Ea (1 ea)	100-Small Fab	5075329
MS35266-63	Solenoid Cover Screw	1 Ea (1 ea)	100-Small Fab	5103666-1
NAS1149F0332P	Washer	2 Ea (2 ea)	100-Small Fab	5027738
NAS1149F0363P	Washer	1 Ea (1 ea)	100-Small Fab	5078780
NAS1149F0463P	Washer	8 Ea (8 ea)	100-Small Fab	5048297
NAS1149F0632P	Washer	2 Ea (2 ea)	100-Small Fab	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	188-FPSS-1032-1/4	2	232	0
	188-FSCS-832-5/8	4	135	0
100-Small Fab	2595K22	1	44	0
	32446	2	834	0
	8183K6	1	23	0
	AN4-16A	3	334	0
	AN4-17A	1	159	0
	AN6-15A	1	26	0
	C2-1-1	1	9	0
	C2-10-1	1	77	0
	C2-11-2	2	68	0
	C2-3-1	2	20	0
	C2-3-10	1	8	0
	C2-3-11	1	5	0
	C2-3-2	1	0	0
	C2-3-2-1	2	54	0
	C2-3-3	1	53	0
	C2-3-3-1	1	33	0
	C2-3-5	2	85	0
	C2-3-6	1	6	0
	C2-3-8	2	28	0
	C2-5-1	1	18	0
	C3-10-2	1	33	0
	C3-11-1	1	6	0
	C3-12-1	2	43	0
	C3-12-2	1	30	0
	C3-12-3	1	13	0
	C3-12-4	1	32	0
	C3-12-5	1	11	0
	C3-12-6	2	41	0
	C3-13-1	2	36	0
	C3-13-4	1	0	0
	C3-13-5	1	47	0
	C3-2-1	1	4	0
	C3-3-4	2	34	0
	C3-3-4-1	4	116	0
	C3-3-7	1	24	0
	C3-3-9	1	68	0
	C3-4-1	2	3	0
	C3-4-4A	1	0	0
	C3-7-1	1	19	0
	C3-7-2	2	58	0
	C3-8-2	1	7	0
	C3-8-4	1	6	0
	C3-8-5	1	4	0
	C3-9-1	1	21	0
	C3-9-2	1	41	0
	EL-PLUG-M	1	39	0
	M27500-16TG2T14	1	55	0
	MS21044N4	4	155	0
	MS21083N3	2	135	0
	MS21083N6	1	120	0
	MS35266-63	2	41	0
	NAS1149F0332P	2	2,534	0
	NAS1149F0363P	1	479	0
	NAS1149F0463P	8	671	0
	NAS1149F0632P	2	473	0

Part Specifications

Specifications could not be found.



Remote Cargo Hook Test Form

C3

MAKE SURE YOU ARE USING THE CORRECT TEST FORM FOR THE CORRECT SOLENOID!

NEW SOLENOID (152951-001)

Work Order 188402

Customer 12013

Serial Number S144031

Date 2019-1-14

# of Releases	Load (Lbs.)	Release Method	Remarks	Result	Pass/Fail
1	7,500	Static Hold	Hold for two minutes and reduce load to zero	N/A	Pass
10	1,500	Electircal, 25 volts	No "hang ups" permitted	N/A	Pass
2	3,000	Electircal, 22 volts	Current shall not exceed 12.8 A 9.0	A	Pass
2	2,500	Electircal, 22 volts	Current shall not exceed 12.8 A 8.5	A	Pass
2	2,000	Electircal, 22 volts	Current shall not exceed 12.8 A 8.5	A	Pass
2	1,500	Electircal, 22 volts	Current shall not exceed 12.8 A 4.8	A	Pass
2	500	Electircal, 22 volts	Current shall not exceed 12.8 A 7.5	A	Pass
1	3,000	Electircal, 20 volts	Current shall not exceed 11.6 A 7.0	A	Pass
1	3,000	Electircal, 28 volts	Current shall not exceed 16.2 A 9.5	A	Pass
1	3,000	Manual		N/A	Pass
1	3,000	Impact Test	Impact shackle 10x, shall not release	N/A	Pass
1	N/A	Solenoid Ohms	Shall not exceed 1.7-2.0 Ω 2.0	Ω	Pass
1	N/A	Electircal Continuity	Across both wires	N/A	Pass

Test Conducted By:

Michel Lalonde

Technician

Submit

Signature:

Sylvia Paudel
QC 5 Small FAB / QA